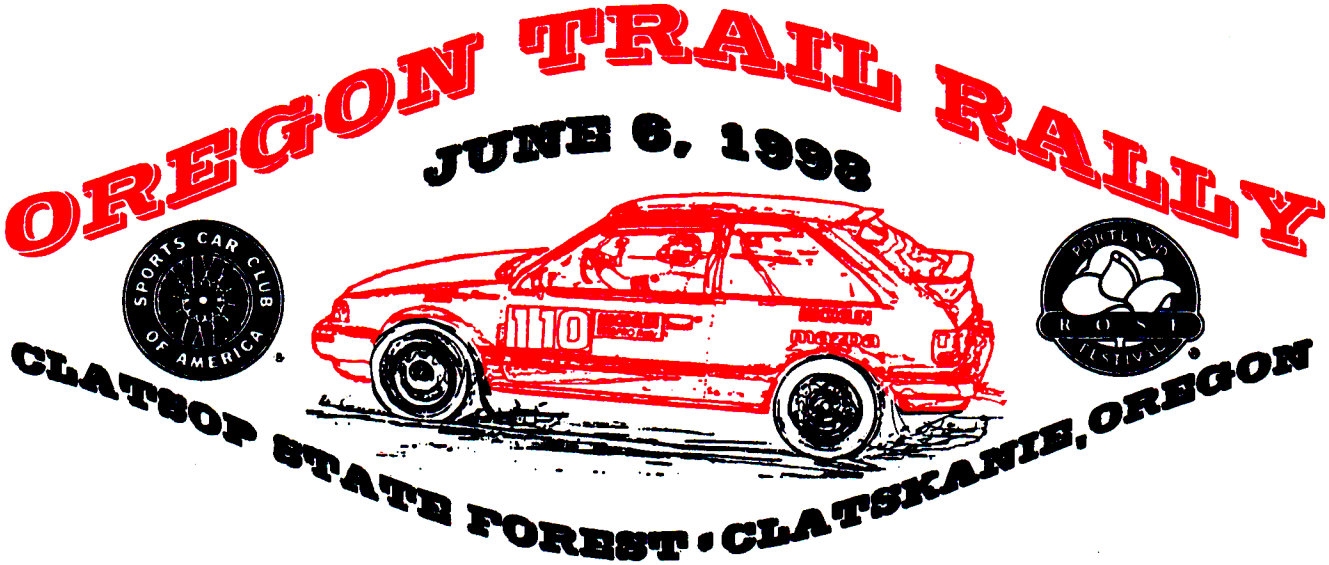
SCCA PRO Rally®



Sanctioned by Oregon Region, SCCA

Organized by OREGON RALLY GROUP

Made Possible by Oregon Department of Forestry
Clatsop State Forest, Astoria

ROUTE BOOK

This is the third year that the Oregon Trail **SCCA** *PRO Rally has been a Portland Rose Festival sanctioned Motorsport event, along with* **SCCA** *Rose Cup and CART Fedex Championship Races.*

The Organizers wish to thank the sponsors and volunteers for all their support in putting on this event.

Thank you to our sponsors:

CLATSKANIE CHAMBER OF COMMERCE

NAPA QUALITY AUTO PARTS
CLATSKANIE

CLATSKANIE PEOPLE'S UTILITY DISTRICT

WEST MART FOODSTORE
WESTPORT
AND
ENGINE REBUILDERS SUPPLY
TROUTDALE

PACIFIC FOTO Supply Co.
AND
TABOR ACCOUNTING GROUP

OREGON TRAIL RALLY OFFICIALS

Chairmen:	Mike Nagle Ben Bradley
Clerk of the Course:	Vern Johnson
Event Steward:	Ron Barker
Registrar:	Navonne Waterhouse
Chief of Controls:	Chris Portal
Safety Steward:	Rich Olmstead
Scrutineers:	Joe Waterhouse Mike Halliday
Scoring:	Linda & Bob Grass
EMT Coordinator:	Tom Slavin
Communications:	Randy Stimson
Pace Car:	Bob Wakehouse
Stage Captains:	Adelaide Zink Robert Mahony Diane Duran

SUBARU
The Beauty of All-Wheel Drive.
SUBARU, WESTERN REGION

Special Thanks to:

Oregon Department of Forestry
Clatsop State Forest

Hampton Tree Farms
Bud Henderson, Area Manager

John Hancock Mutual Life Insurance Co.
Bill Marre, Area Manager

Berry Patch Restaurant, Westport, OR.

Columbia County School Dist. 5J
Earl Fisher, Superintendent

Thank you to Polk County Itemizer/Observer Newspaper & Printing of Dallas, Oregon for donating the printing services for the making of this book

SCCA®
Sports Car Club of America

NAME OF RALLY _____
DATE OF INCIDENT: _____ HOUR _____ a.m./p.m.
MONTH DAY YEAR

☐ DIVISIONAL PRO RALLY ☐ NATIONAL PRO RALLY

1. INCIDENT(S) INVOLVING COMPETITION CARS:

Car # _____ Class _____ Marque _____
Driver name _____ Minor ☐ Yes ☐ No
Address _____
Telephone (Day) _____ (Evening) _____
License (Check) ☐ National ☐ Divisional ☐ Other
Treated by Event Emergency Medical? ☐ Yes ☐ No
☐ Sent to Hospital ☐ Did Not Finish ☐ Returned to Competition
Injuries _____

Co-Driver name _____ Minor ☐ Yes ☐ No
Address _____
Telephone (Day) _____ (Evening) _____
License (Check) ☐ National ☐ Divisional ☐ Other
Treated by Event Emergency Medical? ☐ Yes ☐ No
☐ Sent to Hospital ☐ Did Not Finish ☐ Returned to Competition
Injuries _____

2. INCIDENT(S) INVOLVING ☐ CREW ☐ OFFICIAL ☐ SPECTATOR ☐ OTHER

Name _____
Address _____
Telephone (Day) _____ (Evening) _____
Signed Waiver ☐ Yes ☐ No SCCA Member ☐ Yes ☐ No
Treated by Event Medical? ☐ Yes ☐ No
Injuries _____
☐ Sent to Hospital ☐ Stayed at Rally

MINOR ☐ YES ☐ NO

Name _____
Address _____
Telephone (Day) _____ (Evening) _____
Signed Waiver ☐ Yes ☐ No SCCA Member ☐ Yes ☐ No
Treated by Event Medical? ☐ Yes ☐ No
Injuries _____
☐ Sent to Hospital ☐ Stayed at Rally

3. SPECIAL STAGE # _____ MILEAGE _____

4. DESCRIPTION OF INCIDENT:

5. DIAGRAM OF INCIDENT:

PROPERTY DAMAGE

Owner Name _____ Telephone # _____
Address _____
Property Description _____

Damage and Disposition _____

COURSE / ROUTE / TRACK / CHARACTERISTICS

COURSE CHARACTERISTIC	COURSE CONDITION	WEATHER CONDITION	VISIBILITY
☐ Level Road	☐ Dry	☐ Clear	☐ Daylight
☐ Up-grade	☐ Wet	☐ Cloudy	☐ Dusk
☐ Hillcrest	☐ Muddy	☐ Fog	☐ Dawn
☐ Down-grade	☐ Gravel	☐ Rain	☐ Dark
☐ Other: specify	☐ Other: specify	☐ Other: specify	☐ Other: specify

Reviewed by Safety Steward

Name _____

Signature X _____

Is more than one report being prepared for this incident? ☐ Yes ☐ No

The Oregon Trail Divisional PRO Rally
June 6, 1998

Event Schedule

Location	MTC # ATC #	Section Time	Arrival Time	FCO	Stage Miles	Section Miles	Total Miles
Clatskanie	MTC1			11:00			
to		50				23.05	23.05
Big Creek 1	ATC 1		11:50	11:53	9.70		
to		30				12.99	36.04
Westport North	ATC 2		12:23	12:26	14.60		
to		80				30.26	66.30
Service			*12:50*				
to							
Big Creek 2	ATC 3		13:46	13:49	9.70		
to		30				10.42	76.72
Nicolai Mtn 1	ATC 4		14:19	14:22	12.81		
to		60				19.81	96.53
Service			*14:50*				
to							
Westport South	ATC 5		15:22	15:25	14.69		
to		40				17.70	114.23
Nicolai Mtn 2	ATC 6		16:05	16:08	12.81		
to		100				31.62	145.85
Service			*16:35*				
to							
Big Creek 3	ATC 7		17:48	18:01	9.70		
to		30				10.42	156.27
Nicolai Mtn 3	ATC 8		18:31	18:34	12.81		
to		70				27.51	183.78
Service			*19:05*				
to							
Clatskanie	MTC 2		19:44				

STAGE MILES.....96.82

Italicized times are approximate.

The Oregon Trail Divisional PRO Rally
June 6, 1998

EMERGENCY PHONE LIST

State Law Enforcement:

Oregon State Patrol.....911 (503-325-5515**, Astoria)

County Law Enforcement:

Clatsop County Sheriff.....911 (503-325-8606**)
Columbia County Sheriff.....911 (503-397-2511**)

City Law Enforcement:

Clatskanie Police Department.....911 (503-728-2145**)

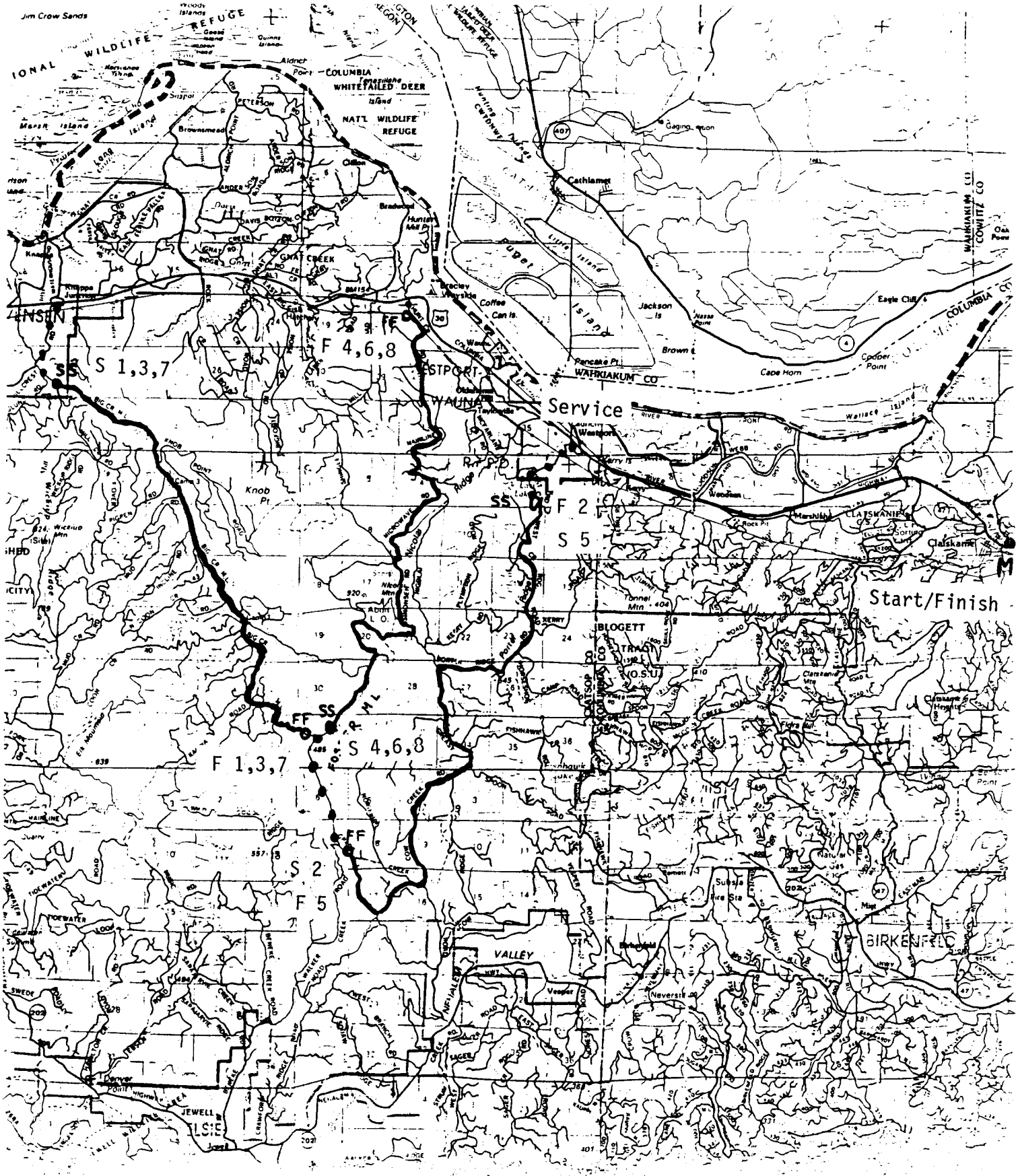
Medical:

St. John's Medical Center, Longview.....360-423-1530
Columbia Memorial Hospital, Astoria.....503-325-4321

Fire:

Clatskanie Fire Department.....911 (503-728-2025**)
Knappa Fire Department.....911 (503-458-6610**)

**Non-Emergency phone numbers



Oregon Trail Divisional PRO Rally

June 6, 1998

MTC 1:	Distance Miles	Page
ATC 1:	Time Minutes	Average Speed

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
			TIME TO COMPLETE ROAD SECTION	ROAD SECTION DISTANCE ROAD SECTION AVERAGE SPEED	
	0.00		INSTRUCTION NUMBER ACCUMULATIVE MILEAGE	DECLINING ROAD SECTION MILEAGE	0.00
		0.00	INCREMENTAL MILEAGE		
		AT TOP:	MTC: MAIN TIME CONTROL ATC: ARRIVAL TIME CONTROL	DECLINING STAGE MILEAGE 0.00	
				TIME CONTROL, MAIN OR ARRIVAL STAGE START	
				FLYING FINISH STOP END OF STAGE TIME CONTROL	

Dist. Next Instr. Miles

The Oregon Trail Divisional PRO Rally

June 6, 1998

ROUTE BOOK SYMBOLS AND TERMINOLOGY:

Cautions: !!!

Single: Use caution, or you may bend your car.
Double: Use caution, or you may break your car.
Triple: Use caution, or you may break your life!!

QUIET ZONE: Sensitive area where the use of lower RPMs and low-beam headlights are required.

EXPOSURE: Dropoff or cliff, usually along side of road. If noted, it is a hazard.

SINKHOLE: Sharp-edged hole in or near the road.

SPEED XX: Advisory to posted speed limits when they may not be obvious.

HIGHWAY STOP SIGN

TRAFFIC SIGNAL

RADIO LOCATION, USUALLY A HAM

BRIDGE

GATE

ROAD SIGN INDICATING YOUR ROUTE

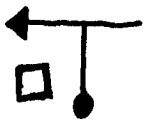
ROAD SIGN INDICATING ROAD YOU DO NOT TAKE

EXPOSURE

CREST, DIP, OR POINT OF INTEREST DEFINED IN INFORMATION COLUMN

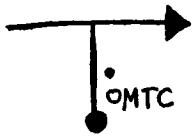
SIDE ROAD CUT OR BLOCKED

SECONDARY ROAD



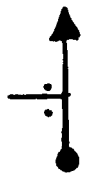
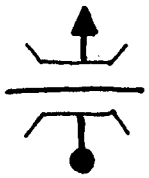
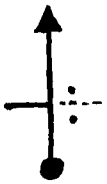
HOUSE, BUILDING, OR OTHER STRUCTURE

MTC 1: Clatskanie	**Distance** 23.05 **Miles**	**Page** 1
ATC 1: Big Creek 1	**Time** 50 **Minutes**	**Average Speed** 27.7 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
1	0.00	0.00		MTC 1: CLATSKANIE ZERO ODO AT POST, RIGHT OUT OF LOT, SPEED LIMIT 30	23.05
2	0.37	0.37		 ~~NEHALEM ST~~	22.68
3	0.91	0.54		LIGHTS ON FOR SAFETY SPEED LIMIT 55	22.14
4	3.92	3.01		MILE 65	19.13
5	6.29	2.37		ROCKS	16.76
6	9.20	2.91		SPEED 40 (WESTPORT)	13.85

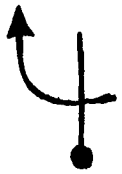
Dist. Next Instr. 0.26 **Miles**

MTC 1: Clatskanie	Distance 23.05 Miles	Page 2
ATC 1: Big Creek 1	Time 50 Minutes	Average Speed 27.7 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
7	9.46	0.26		SERVICE LOCATION ON LEFT (AT SCHOOL)	13.59
8	9.59	0.13		~~WESTPORT SCHOOL LOOP RD~~ (SS 2 & 5 TO LEFT)	13.46
9	11.62	2.03			11.43
10	13.84	2.22		~~STATE PARKS~~ (BRADLEY WAYSIDE, RESTROOMS)	9.21
11	14.01	0.17		(SS 4, 6 & 8 EXIT FROM LEFT)	9.04
12	14.68	0.67		~~CLIFTON~~ (SPECTATOR ACCESS)	8.37

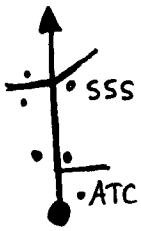
Dist. Next Instr. 3.33 Miles

MTC 1: Clatskanie	Distance 23.05 Miles	Page 3
ATC 1: Big Creek 1	Time 50 Minutes	Average Speed 27.7 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
13	18.01	3.33		DO NOT PASS	5.04
14	20.69	2.68		SPEED 50 (KNAPPA)	2.36
15	20.99	0.30		BLINKER (MILE 82) HILLCREST RD BEGIN QUIET ZONE SPEED LIMIT 40	2.06
16	21.47	0.48		SPEED 40	1.58
17	22.46 ↓ 22.54	0.99 ↓ 0.08		LEFT ON SECOND ROAD (NOT TO HATCHERY), BLIND CORNER END PAVEMENT	0.51
18	23.05	0.51		ATC 1: BIG CREEK 1 END QUIET ZONE	0.00

Dist. Next Instr. 0.00 Miles

ATC 1: Big Creek 1	Distance 12.99 Miles	Page 4
ATC 2: Westport North	Time 30 Minutes	Average Speed 26.0 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
1	0.00 ↓ 0.06	0.00 ↓ 0.06		ATC 1: BIG CREEK 1 START 9.70	12.93
2	0.66	0.60		WASHOUT ON LEFT, ROAD NARROWS, EXPOSURE 9.10	12.33
3	1.32	0.66		ROCK FACE ON RIGHT, EXPOSURE ON LEFT 8.44	11.67
4	1.55	0.23		CEMENT BRIDGE, HIGH SIDES, NARROW, EXPOSURE 8.21	11.44
5	2.40	0.85		NARROW THROUGH GRAVEL PILES 7.36	10.59
6	2.87	0.47		6.89	10.12

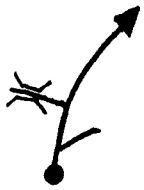
Dist. Next Instr. 0.13 Miles

ATC 1: Big Creek 1	**Distance** 12.99 **Miles**	**Page** 5
ATC 2: Westport North	**Time** 30 **Minutes**	**Average Speed** 26.0 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
7	3.00 ↓ 3.07	0.13 ↓ 0.07		! CONCRETE BRIDGE 6.69	9.92
8	3.38	0.31		6.38	9.61
9	4.28 ↓ 4.36	0.90 ↓ 0.08		WOOD BRIDGE 5.40	8.63
10	4.76 ↓ 4.86	0.40 ↓ 0.10		! WIDE SPOT, TIGHTENS, DEEP HOLE OUTSIDE, EXPOSURE INSIDE 4.90	8.13
11	4.98 ↓ 5.04	0.12 ↓ 0.06		OVER CREST, WIDE SPOT 4.72	7.95
12	5.76	0.72		BIG TREE OUTSIDE 4.00	7.23

Dist. Next Instr. 0.29 **Miles**

ATC 1: Big Creek 1	Distance 12.99 Miles	Page 6
ATC 2: Westport North	Time 30 Minutes	Average Speed 26.0 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
13	6.05	0.29		CONCRETE BRIDGE 3.71	6.94
14	6.68	0.63		3.08	6.31
15	6.84 ↓ 6.90	0.16 ↓ 0.06		CONCRETE BRIDGE, ROAD NARROWS 2.86	6.09
16	7.52	0.62		!! EXPOSURE, TIGHTENS 2.24	5.47
17	7.68	0.16		! STUMP & BIG HOLE ON RIGHT, EXPOSURE ON LEFT 2.08	5.31
18	8.19	0.51		EXPOSURE 1.57	4.80

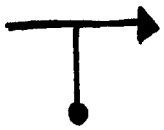
Dist. Next Instr. 0.44 **Miles**

ATC 1: Big Creek 1	Distance 12.99 Miles	Page 7
ATC 2: Westport North	Time 30 Minutes	Average Speed 26.0 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
19	8.63	0.44		POND ON RIGHT 1.13	4.36
20	8.82 ↓ 8.88	0.19 ↓ 0.06		0.88	4.11
21	9.26	0.38		0.50	3.73
22	9.37	0.11		0.39	3.62
23	9.61 ↓ 9.68	0.24 ↓ 0.07		! IRON GATE, THEN WIDE SPOT 0.08	3.31
24	9.76	0.08		FLYING FINISH 0.00	3.23

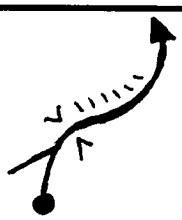
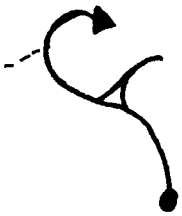
Dist. Next Instr. 0.26 Miles

ATC 1: Big Creek 1	Distance 12.99 Miles	Page 8
ATC 2: Westport North	Time 30 Minutes	Average Speed 26.0 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
25	10.02	0.26		STOP OVER CREST	2.97
26	10.34	0.32		FOSTER ML (SS 4, 6 & 8 START TO THE LEFT)	2.65
27	10.94	0.60		EXPOSURE	2.05
28	11.56	0.62			1.43
29	12.41	0.85			0.58
30	12.99	0.58		ATC 2: WESTPORT NORTH	0.00

Dist. Next Instr. 0.00 Miles

ATC 2: Westport North	**Distance** 30.26 **Miles**	**Page** 9
ATC 3: Big Creek 2	**Time** 80 **Minutes**	**Average Speed** 22.7 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
1	0.00 ↓ 0.10	0.00 ↓ 0.10		ATC 2: WESTPORT NORTH START 14.60	30.16
2	0.29 ↓ 0.34	0.19 ↓ 0.05		! OVER CREST, EXPOSURE, TIGHTENS 14.36	29.92
3	1.45	1.11		DOWNHILL TO INSTRUCTION 6 13.25	28.81
4	1.93	0.48		12.77	28.33
5	2.28	0.35		EXPOSURE ON LEFT 12.42	27.98
6	2.62	0.34		!! DOWNHILL APPROACH, CONCRETE BRIDGE, CURBS 12.08	27.64

Dist. Next Instr. 0.11 **Miles**

ATC 2: Westport North	Distance 30.26 Miles	Page 10
ATC 3: Big Creek 2	Time 80 Minutes	Average Speed 22.7 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
7	2.73 ↓ 2.82	0.11 ↓ 0.09		STRAIGHT THROUGH WIDE AREA, THEN LEFT (COMES UP QUICK) 11.88	27.44
8	3.88	1.06		!! WASHOUT, NARROWS, BOULDERS IN APEX 10.82	26.38
9	4.12	0.24		TIGHTENS, EXPOSURE 10.58	26.14
10	4.29	0.17		! BIG HOLE ON LEFT, EXPOSURE BOTH SIDES 10.41	25.97
11	4.52	0.23		OVER CREST 10.18	25.74
12	4.62	0.10		OVER CREST 10.08	25.64

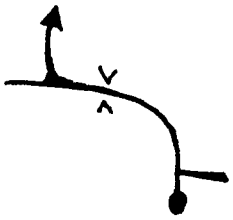
Dist. Next Instr. 0.77 **Miles**

ATC 2: Westport North	Distance 30.26 Miles	Page 11
ATC 3: Big Creek 2	Time 80 Minutes	Average Speed 22.7 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION		Decline Distance
13	5.39	0.77			9.31	24.87
14	5.77	0.38			8.93	24.49
15	6.23	0.46		WIDE AREA	8.47	24.03
16	6.37	0.14		OVER CREST	8.33	23.89
17	6.62	0.25		! HPL, TIGHTENS, EXPOSURE	8.08	23.64
18	6.74 ↓ 6.79	0.12 ↓ 0.05		WASHOUT ON LEFT	7.91	23.47

Dist. Next Instr. 0.26 Miles

ATC 2: Westport North	Distance 30.26 Miles	Page 12
ATC 3: Big Creek 2	Time 80 Minutes	Average Speed 22.7 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
19	7.05	0.26		7.65	23.21
20	7.30 ↓ 7.35	0.25 ↓ 0.05		7.35	22.91
21	7.50	0.15		7.20	22.76
22	7.87	0.37		! OVER CREST, WASHOUT ON LEFT, NARROWS 6.83	22.39
23	8.42 ↓ 8.52	0.55 ↓ 0.10		! OVER CREST 6.18	21.74
24	10.00	1.48		4.70	20.26

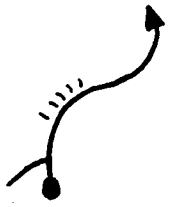
Dist. Next Instr. 0.53 Miles

ATC 2: Westport North	Distance 30.26 Miles	Page 13
ATC 3: Big Creek 2	Time 80 Minutes	Average Speed 22.7 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
25	10.53	0.53		4.17	19.73
26	11.04	0.51		3.66	19.22
27	11.40	0.36		3.30	18.86
28	11.72	0.32		OVER CREST 2.98	18.54
29	12.16	0.44		2.54	18.10
30	12.74	0.58		1.96	17.52

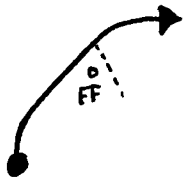
Dist. Next Instr. 0.14 Miles

ATC 2: Westport North	Distance 30.26 Miles	Page 14
ATC 3: Big Creek 2	Time 80 Minutes	Average Speed 22.7 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
31	12.88	0.14		! EXPOSURE 1.82	17.38
32	13.10	0.22		DOWNHILL TO FINISH 1.60	17.16
33	13.23	0.13		1.47	17.03
34	13.43	0.20		!! WASHOUT ON RIGHT, EXPOSURE, NARROWS 1.27	16.83
35	13.69	0.26		HPL 1.01	16.57
36	14.15 ↓ 14.22	0.46 ↓ 0.07		RIGHT OVER CREST, THEN HPL 0.48	16.04

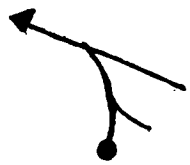
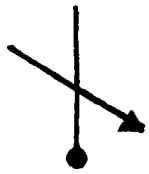
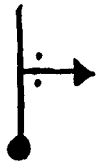
Dist. Next Instr. 0.28 Miles

ATC 2: Westport North	Distance 30.26 Miles	Page 15
ATC 3: Big Creek 2	Time 80 Minutes	Average Speed 22.7 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
37	14.50	0.28		HPR 0.20	15.76
38	14.66 ↓ 14.70	0.16 ↓ 0.04		FLYING FINISH 0.00	15.56
39	14.94	0.24		STOP	15.32
40	15.43	0.49		HPR, BEGIN QUIET ZONE	14.83
41	15.62	0.19		BEGIN PAVEMENT, SPEED LIMIT 20	14.64
42	15.84	0.22		STOP SPEED LIMIT 25	14.42

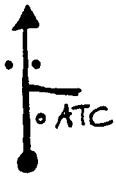
Dist. Next Instr. 0.61 Miles

ATC 2: Westport North	Distance 30.26 Miles	Page 16
ATC 3: Big Creek 2	Time 80 Minutes	Average Speed 22.7 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
43	16.45	0.61		YIELD	13.81
44	16.56	0.11		STOP (HWY 30) END QUIET ZONE	13.70
45	16.68	0.12		RIGHT INTO SERVICE TURN OFF ODOMETER	13.58
46	16.68	0.00		RE-START ODO AT GATE LEFT OUT OF SERVICE (USE CAUTION)	13.58
47	16.80	0.12		~~WESTPORT SCHOOL LOOP RD~~	13.46
48	21.05	4.25		~~STATE PARKS~~ (BRADLEY WAYSIDE, RESTROOMS)	9.21

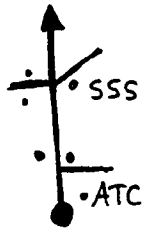
Dist. Next Instr. 4.17 **Miles**

ATC 2: Westport North	**Distance** 30.26 **Miles**	**Page** 17
ATC 3: Big Creek 2	**Time** 80 **Minutes**	**Average Speed** 22.7 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
49	25.22	4.17		DO NOT PASS	5.04
50	27.90	2.68		SPEED 50 (KNAPPA)	2.36
51	28.20	0.30		BLINKER (MILE 82) HILLCREST RD BEGIN QUIET ZONE SPEED LIMIT 40	2.06
52	28.68	0.48		SPEED 40	1.58
53	29.67 ↓ 29.75	0.99 ↓ 0.08		LEFT ON SECOND ROAD (NOT TO HATCHERY), BLIND CORNER END PAVEMENT	0.51
54	30.26	0.51		ATC 3: BIG CREEK 2 END QUIET ZONE	0.00

Dist. Next Instr. 0.00 **Miles**

ATC 3: Big Creek 2	**Distance** 10.42 **Miles**	**Page** 18
ATC 4: Nicolai Mtn 1	**Time** 30 **Minutes**	**Average Speed** 20.8 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
1	0.00 ↓ 0.06	0.00 ↓ 0.06		ATC 3: BIG CREEK 2 START 9.70	10.36
2	0.66	0.60		WASHOUT ON LEFT, ROAD NARROWS, EXPOSURE 9.10	9.76
3	1.32	0.66		ROCK FACE ON RIGHT, EXPOSURE ON LEFT 8.44	9.10
4	1.55	0.23		CEMENT BRIDGE, HIGH SIDES, NARROW, EXPOSURE 8.21	8.87
5	2.40	0.85		NARROW THROUGH GRAVEL PILES 7.36	8.02
6	2.87	0.47		6.89	7.55

Dist. Next Instr. 0.13 **Miles**

ATC 3: Big Creek 2	**Distance** 10.42 **Miles**	**Page** 19
ATC 4: Nicolai Mtn 1	**Time** 30 **Minutes**	**Average Speed** 20.8 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
7	3.00 ↓ 3.07	0.13 ↓ 0.07		CONCRETE BRIDGE 6.69	7.35
8	3.38	0.31		6.38	7.04
9	4.28 ↓ 4.36	0.90 ↓ 0.08		WOOD BRIDGE 5.40	6.06
10	4.76 ↓ 4.86	0.40 ↓ 0.10		WIDE SPOT, TIGHTENS, DEEP HOLE OUTSIDE, EXPOSURE INSIDE 4.90	5.56
11	4.98 ↓ 5.04	0.12 ↓ 0.06		OVER CREST, WIDE SPOT 4.72	5.38
12	5.76	0.72		BIG TREE OUTSIDE 4.00	4.66

Dist. Next Instr. 0.29 **Miles**

ATC 3: Big Creek 2	Distance 10.42 Miles	Page 20
ATC 4: Nicolai Mtn 1	Time 30 Minutes	Average Speed 20.8 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
13	6.05	0.29		CONCRETE BRIDGE 3.71	4.37
14	6.68	0.63		3.08	3.74
15	6.84 ↓ 6.90	0.16 ↓ 0.06		CONCRETE BRIDGE, ROAD NARROWS 2.86	3.52
16	7.52	0.62		!! EXPOSURE, TIGHTENS 2.24	2.90
17	7.68	0.16		! STUMP & BIG HOLE ON RIGHT, EXPOSURE ON LEFT 2.08	2.74
18	8.19	0.51		EXPOSURE 1.57	2.23

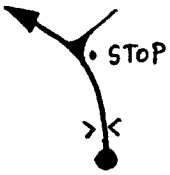
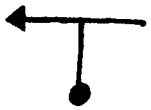
Dist. Next Instr. 0.44 Miles

ATC 3: Big Creek 2	Distance 10.42 Miles	Page 21
ATC 4: Nicolai Mtn 1	Time 30 Minutes	Average Speed 20.8 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
19	8.63	0.44		POND ON RIGHT 1.13	1.79
20	8.82 ↓ 8.88	0.19 ↓ 0.06		0.88	1.54
21	9.26	0.38		0.50	1.16
22	9.37	0.11		0.39	1.05
23	9.61 ↓ 9.68	0.24 ↓ 0.07		! IRON GATE, THEN WIDE SPOT 0.08	0.74
24	9.76	0.08		FLYING FINISH 0.00	0.66

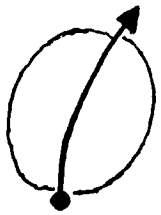
Dist. Next Instr. 0.26 Miles

ATC 3: Big Creek 2	**Distance** 10.42 **Miles**	**Page** 22
ATC 4: Nicolai Mtn 1	**Time** 30 **Minutes**	**Average Speed** 20.8 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
25	10.02	0.26		STOP OVER CREST	0.40
26	10.34	0.32		FOSTER ML	0.08
27	10.42	0.08		ATC 4: NICOLAI MTN 1	0.00

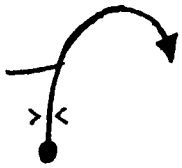
Dist. Next Instr. 0.00 **Miles**

ATC 4: Nicolai Mtn 1	**Distance** 19.81 **Miles**	**Page** 23
ATC 5: Westport South	**Time** 60 **Minutes**	**Average Speed** 19.8 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
1	0.00 ↓ 0.08	0.00 ↓ 0.08		ATC 4: NICOLAI MTN 1 START 12.81	19.73
2	0.58	0.50		12.31	19.23
3	1.02	0.44		THROUGH WIDE GRAVEL PIT 11.87	18.79
4	1.58	0.56		11.31	18.23
5	1.88	0.30		11.01	17.93
6	2.06	0.18		10.83	17.75

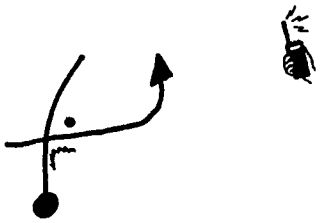
Dist. Next Instr. 0.57 **Miles**

ATC 4: Nicolai Mtn 1	Distance 19.81 Miles	Page 24
ATC 5: Westport South	Time 60 Minutes	Average Speed 19.8 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
7	2.63	0.57		EXPOSURE ON LEFT 10.26	17.18
8	2.80	0.17		OVER CREST 10.09	17.01
9	3.13	0.33		9.76	16.68
10	3.98	0.85		8.91	15.83
11	4.32	0.34		OVER CREST, NARROWS, EXPOSURE ON RIGHT, DITCH IN APEX 8.57	15.49
12	4.75	0.43		DITCH BOTH SIDES, BLIND, NARROWS, EXPOSURE ON RIGHT TO INSTRUCTION 13 8.14	15.06

Dist. Next Instr. 1.11 **Miles**

ATC 4: Nicolai Mtn 1	Distance 19.81 Miles	Page 25
ATC 5: Westport South	Time 60 Minutes	Average Speed 19.8 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
13	5.86	1.11		7.03	13.95
14	6.05	0.19		DOWNHILL APPROACH, NARROWS, BLIND, DEEP HOLE IN APEX, STUMP ON LEFT, SPECTATORS 6.84	13.76
15	6.19	0.14		HPR 6.70	13.62
16	6.32	0.13		HPL 6.57	13.49
17	6.57	0.25		6.32	13.24
18	8.23	1.66		4.66	11.58

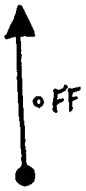
Dist. Next Instr. 0.32 Miles

ATC 4: Nicolai Mtn 1	Distance 19.81 Miles	Page 26
ATC 5: Westport South	Time 60 Minutes	Average Speed 19.8 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
19	8.55 ↓ 8.59	0.32 ↓ 0.04		BIG ROCK IN APEX 4.30	11.22
20	9.00	0.41		3.89	10.81
21	9.36	0.36		3.53	10.45
22	9.67	0.31		3.22	10.14
23	9.78	0.11		3.11	10.03
24	10.35	0.57		VERY LONG CORNER 2.54	9.46

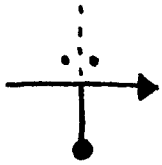
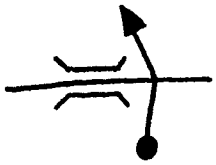
Dist. Next Instr. 0.87 Miles

ATC 4: Nicolai Mtn 1	**Distance** 19.81 **Miles**	**Page** 27
ATC 5: Westport South	**Time** 60 **Minutes**	**Average Speed** 19.8 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
25	11.22 ↓ 11.29	0.87 ↓ 0.07		1.60	8.52
26	11.38	0.09		1.51	8.43
27	11.82	0.44		EXPOSURE 1.07	7.99
28	11.97	0.15		0.92	7.84
29	12.60	0.63		! EXPOSURE BOTH SIDES ! SPECTATORS 0.29	7.21
30	12.89	0.29		FLYING FINISH 0.00	6.92

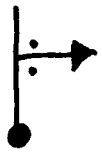
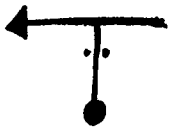
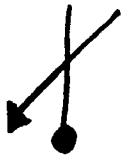
Dist. Next Instr. 0.29 **Miles**

ATC 4: Nicolai Mtn 1	**Distance** 19.81 **Miles**	**Page** 28
ATC 5: Westport South	**Time** 60 **Minutes**	**Average Speed** 19.8 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
31	13.18	0.29		STOP STOP	6.63
32	13.48	0.30		STOP (HWY 30) BEGIN PAVEMENT SPEED LIMIT 55	6.33
33	13.64	0.16		~~STATE PARKS~~ (BRADLEY WAYSIDE, RESTROOMS)	6.17
34	15.66	2.02		EXIT WAUNA	4.15
35	15.86	0.20		STRAIGHT, BACK ON HWY 30, TO SERVICE (CARWASH TO LEFT)	3.95
36	17.77	1.91		SPEED 40 (WESTPORT)	2.04

Dist. Next Instr. 0.13 **Miles**

ATC 4: Nicolai Mtn 1	Distance 19.81 Miles	Page 29
ATC 5: Westport South	Time 60 Minutes	Average Speed 19.8 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
37	17.90	0.13		~~WESTPORT SCHOOL LOOP RD~~	1.91
38	18.04	0.14		RIGHT INTO SERVICE TURN OFF ODOMETER	1.77
39	18.04	0.00		RE-START ODO AT GATE LEFT OUT OF SERVICE (USE CAUTION)	1.77
40	18.16	0.12		WESTPORT SCHOOL LOOP RD BEGIN QUIET ZONE, SPEED LIMIT 25	1.65
41	18.27	0.11		MCLEAN HILL RD	1.54
42	18.89	0.62		SPEED LIMIT 20	0.92

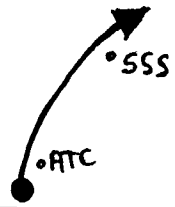
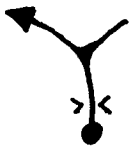
Dist. Next Instr. 0.23 **Miles**

ATC 4: Nicolai Mtn 1	**Distance** 19.81 **Miles**	**Page** 30
ATC 5: Westport South	**Time** 60 **Minutes**	**Average Speed** 19.8 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
43	19.12	0.23		END PAVEMENT	0.69
44	19.29	0.17		HPL END QUIET ZONE	0.52
45	19.81	0.52		ATC 5: WESTPORT SOUTH	0.00

Dist. Next Instr. 0.00 **Miles**

ATC 5: Westport South	**Distance** 17.70 **Miles**	**Page** 31
ATC 6: Nicolai Mtn 2	**Time** 40 **Minutes**	**Average Speed** 26.5 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
1	0.00 ↓ 0.14	0.00 ↓ 0.14		ATC 5: WESTPORT SOUTH START 14.69	17.56
2	0.66	0.52		HPR 14.17	17.04
3	0.77	0.11		14.06	16.93
4	1.44	0.67		!! WASHOUT ON LEFT, NARROWS, EXPOSURE 13.39	16.26
5	1.70	0.26		13.13	16.00
6	1.82	0.12		OVER CREST 13.01	15.88

Dist. Next Instr. 0.23 **Miles**

ATC 5: Westport South	Distance 17.70 Miles	Page 32
ATC 6: Nicolai Mtn 2	Time 40 Minutes	Average Speed 26.5 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
7	2.05	0.23		12.78	15.65
8	2.18	0.13		12.65	15.52
9	2.75	0.57		12.08	14.95
10	3.20	0.45		11.63	14.50
11	3.52	0.32		11.31	14.18
12	3.86	0.34		10.97	13.84

Dist. Next Instr. 0.53 Miles

ATC 5: Westport South	Distance 17.70 Miles	Page 33
ATC 6: Nicolai Mtn 2	Time 40 Minutes	Average Speed 26.5 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
13	4.39	0.53		10.44	13.31
14	4.91	0.52		9.92	12.79
15	6.38 ↓ 6.42	1.47 ↓ 0.04		8.41	11.28
16	6.52	0.10		8.31	11.18
17	6.75	0.23		OVER CREST 8.08	10.95
18	7.02	0.27		! OVER CREST, WASHOUT ON RIGHT, NARROWS 7.81	10.68

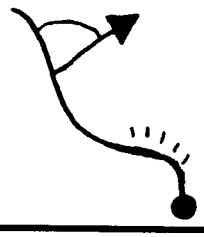
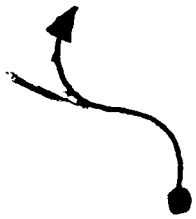
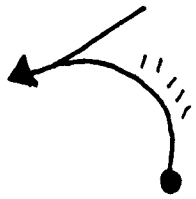
Dist. Next Instr. 0.48 **Miles**

ATC 5: Westport South	Distance 17.70 Miles	Page 34
ATC 6: Nicolai Mtn 2	Time 40 Minutes	Average Speed 26.5 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
19	7.50 ↓ 7.54	0.48 ↓ 0.04		DOWNHILL APPROACH 7.29	10.16
20	7.63	0.09		COMES UP QUICK! 7.20	10.07
21	7.87	0.24		6.96	9.83
22	8.08 ↓ 8.16	0.21 ↓ 0.08		!! OVER CREST, WASHOUT ON RIGHT, NARROWS, EXPOSURE 6.67	9.54
23	8.29	0.13		! HPR, COMES UP QUICK OVER CREST 6.54	9.41
24	8.53	0.24		NEXT INSTRUCTION COMES UP QUICK!! 6.30	9.17

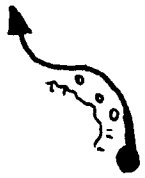
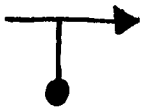
Dist. Next Instr. **0.08** Miles

ATC 5: Westport South	Distance 17.70 Miles	Page 35
ATC 6: Nicolai Mtn 2	Time 40 Minutes	Average Speed 26.5 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
25	8.61 ↓ 8.70	0.08 ↓ 0.09		DOWNHILL, OFF-CAMBER, EXPOSURE THEN RIGHT AT WIDE AREA 6.13	9.00
26	9.09 ↓ 9.15	0.39 ↓ 0.06		TIGHTENS, OFF-CAMBER 5.68	8.55
27	9.54	0.39		5.29	8.16
28	9.97	0.43		4.86	7.73
29	10.31 ↓ 10.40	0.34 ↓ 0.09		OFF-CAMBER, EXPOSURE 4.43	7.30
30	10.61	0.21		EXPOSURE BOTH SIDES 4.22	7.09

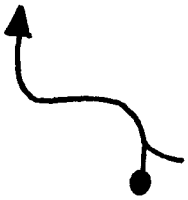
Dist. Next Instr. 0.16 Miles

ATC 5: Westport South	Distance 17.70 Miles	Page 36
ATC 6: Nicolai Mtn 2	Time 40 Minutes	Average Speed 26.5 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
31	10.77	0.16		4.06	6.93
32	11.01	0.24		!! WASHOUT ON LEFT, VERY NARROW, BOULDERS IN APEX 3.82	6.69
33	11.56	0.55		! OVER CREST, EXPOSURE ON LEFT 3.27	6.14
34	12.10	0.54		2.73	5.60
35	12.30	0.20		!! BLIND CORNER, OVER BRIDGE, CONCRETE CURBS 2.53	5.40
36	12.95 ↓ 12.99	0.65 ↓ 0.04		1.84	4.71

Dist. Next Instr. 0.49 Miles

ATC 5: Westport South	Distance 17.70 Miles	Page 37
ATC 6: Nicolai Mtn 2	Time 40 Minutes	Average Speed 26.5 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
37	13.48	0.49		OVER CREST, EXPOSURE ON LEFT 1.35	4.22
38	13.68	0.20		!! EXPOSURE BOTH SIDES 1.15	4.02
39	14.57 ↓ 14.66	0.89 ↓ 0.09		! EXPOSURE ON RIGHT 0.17	3.04
40	14.83	0.17		FLYING FINISH 0.00	2.87
41	14.95	0.12		STOP STOP	2.75
42	16.36 ↓ 16.42	1.41 ↓ 0.06			1.28

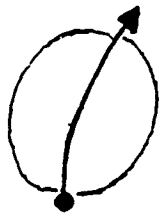
Dist. Next Instr. 1.19 Miles

ATC 5: Westport South	**Distance** 17.70 **Miles**	**Page** 38
ATC 6: Nicolai Mtn 2	**Time** 40 **Minutes**	**Average Speed** 26.5 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
43	17.61	1.19			0.09
44	17.70	0.09		ATC 6: NICOLAI MTN 2	0.00

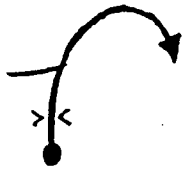
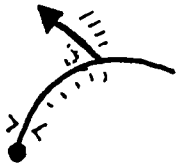
Dist. Next Instr. 0.00 **Miles**

ATC 6: Nicolai Mtn 2	**Distance** 31.62 **Miles**	**Page** 39
ATC 7: Big Creek 3	**Time** 100 **Minutes**	**Average Speed** 18.9 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
1	0.00 ↓ 0.08	0.00 ↓ 0.08		ATC 6: NICOLAI MTN 2 START 12.81	31.54
2	0.58	0.50		12.31	31.04
3	1.02	0.44		THROUGH WIDE GRAVEL PIT 11.87	30.60
4	1.58	0.56		11.31	30.04
5	1.88	0.30		11.01	29.74
6	2.06	0.18		10.83	29.56

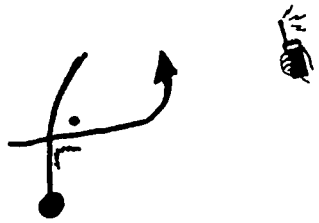
Dist. Next Instr. 0.57 **Miles**

ATC 6: Nicolai Mtn 2	**Distance** 31.62 **Miles**	**Page** 40
ATC 7: Big Creek 3	**Time** 100 **Minutes**	**Average Speed** 18.9 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
7	2.63	0.57		EXPOSURE ON LEFT 10.26	28.99
8	2.80	0.17		OVER CREST 10.09	28.82
9	3.13	0.33		9.76	28.49
10	3.98	0.85		8.91	27.64
11	4.32	0.34		OVER CREST, NARROWS, EXPOSURE ON RIGHT, DITCH IN APEX 8.57	27.30
12	4.75	0.43		DITCH BOTH SIDES, BLIND, NARROWS, EXPOSURE ON RIGHT TO INSTRUCTION 13 8.14	26.87

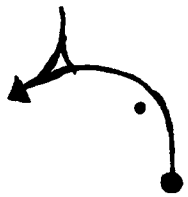
Dist. Next Instr. 1.11 **Miles**

ATC 6: Nicolai Mtn 2	**Distance** 31.62 **Miles**	**Page** 41
ATC 7: Big Creek 3	**Time** 100 **Minutes**	**Average Speed** 18.9 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
13	5.86	1.11		7.03	25.76
14	6.05	0.19		DOWNHILL APPROACH, !! NARROWS, BLIND, DEEP HOLE IN APEX, STUMP ON LEFT, SPECTATORS 6.84	25.57
15	6.19	0.14		HPR 6.70	25.43
16	6.32	0.13		HPL 6.57	25.30
17	6.57	0.25		6.32	25.05
18	8.23	1.66		4.66	23.39

Dist. Next Instr. 0.32 **Miles**

ATC 6: Nicolai Mtn 2	**Distance** 31.62 **Miles**	**Page** 42
ATC 7: Big Creek 3	**Time** 100 **Minutes**	**Average Speed** 18.9 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
19	8.55 ↓ 8.59	0.32 ↓ 0.04		BIG ROCK IN APEX 4.30	23.03
20	9.00	0.41		3.89	22.62
21	9.36	0.36		3.53	22.26
22	9.67	0.31		3.22	21.95
23	9.78	0.11		3.11	21.84
24	10.35	0.57		VERY LONG CORNER 2.54	21.27

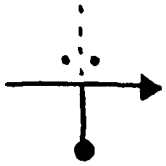
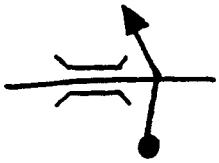
Dist. Next Instr. 0.87 **Miles**

ATC 6: Nicolai Mtn 2	**Distance** 31.62 **Miles**	**Page** 43
ATC 7: Big Creek 3	**Time** 100 **Minutes**	**Average Speed** 18.9 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
25	11.22 ↓ 11.29	0.87 ↓ 0.07		1.60	20.33
26	11.38	0.09		1.51	20.24
27	11.82	0.44		EXPOSURE 1.07	19.80
28	11.97	0.15		0.92	19.65
29	12.60	0.63		! EXPOSURE BOTH SIDES SPECTATORS 0.29	19.02
30	12.89	0.29		FLYING FINISH 0.00	18.73

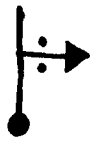
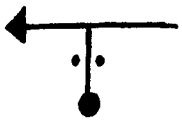
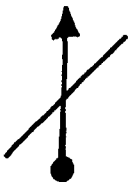
Dist. Next Instr. 0.29 **Miles**

ATC 6: Nicolai Mtn 2	**Distance** 31.62 **Miles**	**Page** 44
ATC 7: Big Creek 3	**Time** 100 **Minutes**	**Average Speed** 18.9 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
31	13.18	0.29		STOP STOP	18.44
32	13.48	0.30		STOP (HWY 30) BEGIN PAVEMENT SPEED LIMIT 55	18.14
33	13.64	0.16		~~STATE PARKS~~ (BRADLEY WAYSIDE, RESTROOMS)	17.98
34	15.66	2.02		EXIT WAUNA	15.96
35	15.86	0.20		STRAIGHT, BACK ON HWY 30, TO SERVICE (CARWASH TO LEFT)	15.76
36	17.77	1.91		SPEED 40 (WESTPORT)	13.85

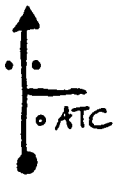
Dist. Next Instr. 0.13 **Miles**

ATC 6: Nicolai Mtn 2	Distance 31.62 Miles	Page 45
ATC 7: Big Creek 3	Time 100 Minutes	Average Speed 18.9 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
37	17.90	0.13		~~WESTPORT SCHOOL LOOP RD~~	13.72
38	18.04	0.14		RIGHT INTO SERVICE TURN OFF ODOMETER	13.58
39	18.04	0.00		RE-START ODO AT GATE LEFT OUT OF SERVICE (USE CAUTION)	13.58
40	18.16	0.12		~~WESTPORT SCHOOL LOOP RD~~	13.46
41	22.41	4.25		~~STATE PARKS~~ (BRADLEY WAYSIDE, RESTROOMS)	9.21
42	23.25	0.84		~~CLIFTON~~	8.37

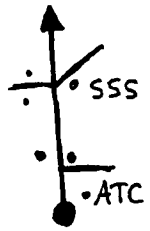
Dist. Next Instr. 3.33 Miles

ATC 6: Nicolai Mtn 2	**Distance** 31.62 **Miles**	**Page** 46
ATC 7: Big Creek 3	**Time** 100 **Minutes**	**Average Speed** 18.9 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
49	26.58	3.33		DO NOT PASS	5.04
50	29.26	2.68		SPEED 50 (KNAPPA)	2.36
51	29.56	0.30		BLINKER (MILE 82) HILLCREST RD BEGIN QUIET ZONE SPEED LIMIT 40	2.06
52	30.04	0.48		SPEED 40	1.58
53	31.03 ↓ 31.11	0.99 ↓ 0.08		LEFT ON SECOND ROAD (NOT TO HATCHERY), BLIND CORNER END PAVEMENT	0.51
54	31.62	0.51		ATC 7: BIG CREEK 3 END QUIET ZONE	0.00

Dist. Next Instr. 0.00 **Miles**

ATC 7: Big Creek 3	**Distance** 10.42 **Miles**	**Page** 47
ATC 8: Nicolai Mtn 3	**Time** 30 **Minutes**	**Average Speed** 20.8 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
1	0.00 ↓ 0.06	0.00 ↓ 0.06		ATC 7: BIG CREEK 3 START 9.70	10.36
2	0.66	0.60		WASHOUT ON LEFT, ROAD NARROWS, EXPOSURE 9.10	9.76
3	1.32	0.66		ROCK FACE ON RIGHT, EXPOSURE ON LEFT 8.44	9.10
4	1.55	0.23		CEMENT BRIDGE, HIGH SIDES, NARROW, EXPOSURE 8.21	8.87
5	2.40	0.85		NARROW THROUGH GRAVEL PILES 7.36	8.02
6	2.87	0.47		6.89	7.55

Dist. Next Instr. 0.13 **Miles**

ATC 7: Big Creek 3	Distance 10.42 Miles	Page 48
ATC 8: Nicolai Mtn 2	Time 30 Minutes	Average Speed 20.8 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
7	3.00 ↓ 3.07	0.13 ↓ 0.07		! CONCRETE BRIDGE 6.69	7.35
8	3.38	0.31		6.38	7.04
9	4.28 ↓ 4.36	0.90 ↓ 0.08		WOOD BRIDGE 5.40	6.06
10	4.76 ↓ 4.86	0.40 ↓ 0.10		! WIDE SPOT, TIGHTENS, DEEP HOLE OUTSIDE, EXPOSURE INSIDE 4.90	5.56
11	4.98 ↓ 5.04	0.12 ↓ 0.06		OVER CREST, WIDE SPOT 4.72	5.38
12	5.76	0.72		BIG TREE OUTSIDE 4.00	4.66

Dist. Next Instr. 0.29 **Miles**

ATC 7: Big Creek 3	**Distance** 10.42 **Miles**	**Page** 49
ATC 8: Nicolai Mtn 3	**Time** 30 **Minutes**	**Average Speed** 20.8 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
13	6.05	0.29		CONCRETE BRIDGE 3.71	4.37
14	6.68	0.63		3.08	3.74
15	6.84 ↓ 6.90	0.16 ↓ 0.06		CONCRETE BRIDGE, ROAD NARROWS 2.86	3.52
16	7.52	0.62		!! EXPOSURE, TIGHTENS 2.24	2.90
17	7.68	0.16		! STUMP & BIG HOLE ON RIGHT, EXPOSURE ON LEFT 2.08	2.74
18	8.19	0.51		EXPOSURE 1.57	2.23

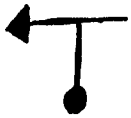
Dist. Next Instr. 0.44 **Miles**

ATC 7: Big Creek 3	**Distance** 10.42 **Miles**	**Page** 50
ATC 8: Nicolai Mtn 3	**Time** 30 **Minutes**	**Average Speed** 20.8 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
19	8.63	0.44		POND ON RIGHT 1.13	1.79
20	8.82 ↓ 8.88	0.19 ↓ 0.06		0.88	1.54
21	9.26	0.38		0.50	1.16
22	9.37	0.11		0.39	1.05
23	9.61 ↓ 9.68	0.24 ↓ 0.07		! IRON GATE, THEN WIDE SPOT 0.08	0.74
24	9.76	0.08		FLYING FINISH 0.00	0.66

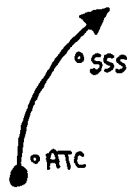
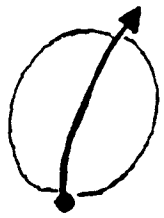
Dist. Next Instr. 0.26 **Miles**

ATC 7: Big Creek 3	**Distance** 10.42 **Miles**	**Page** 51
ATC 8: Nicolai Mtn 3	**Time** 30 **Minutes**	**Average Speed** 20.8 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
25	10.02	0.26		STOP OVER CREST	0.40
26	10.34	0.32		FOSTER ML	0.08
27	10.42	0.08		ATC 8: NICOLAI MTN 3	0.00

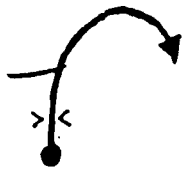
Dist. Next Instr. 0.00 **Miles**

ATC 8: Nicolai Mtn 3	**Distance** 27.51 **Miles**	**Page** 52
MTC 2: Clatskanie	**Time** 70 **Minutes**	**Average Speed** 23.6 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
1	0.00 ↓ 0.08	0.00 ↓ 0.08		ATC 8: NICOLAI MTN 3 START 12.81	27.43
2	0.58	0.50		12.31	26.93
3	1.02	0.44		THROUGH WIDE GRAVEL PIT 11.87	26.49
4	1.58	0.56		11.31	25.93
5	1.88	0.30		11.01	25.63
6	2.06	0.18		10.83	25.45

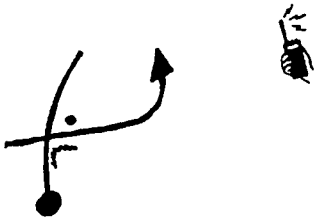
Dist. Next Instr. 0.57 **Miles**

ATC 8: Nicolai Mtn 3	**Distance** 27.51 **Miles**	**Page** 53
MTC 2: Clatskanie	**Time** 70 **Minutes**	**Average Speed** 23.6 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
7	2.63	0.57		EXPOSURE ON LEFT 10.26	24.88
8	2.80	0.17		OVER CREST 10.09	24.71
9	3.13	0.33		9.76	24.38
10	3.98	0.85		8.91	23.53
11	4.32	0.34		OVER CREST, NARROWS, EXPOSURE ON RIGHT, DITCH IN APEX 8.57	23.19
12	4.75	0.43		DITCH BOTH SIDES, BLIND, NARROWS, EXPOSURE ON RIGHT TO INSTRUCTION 13 8.14	22.76

Dist. Next Instr. 1.11 **Miles**

ATC 8: Nicolai Mtn 3	**Distance** 27.51 **Miles**	**Page** 54
MTC 2: Clatskanie	**Time** 70 **Minutes**	**Average Speed** 23.6 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
13	5.86	1.11		7.03	21.65
14	6.05	0.19		DOWNHILL APPROACH, !! NARROWS, BLIND, DEEP HOLE IN APEX, STUMP ON LEFT, SPECTATORS 6.84	21.46
15	6.19	0.14		HPR 6.70	21.32
16	6.32	0.13		HPL 6.57	21.19
17	6.57	0.25		6.32	20.94
18	8.23	1.66		4.66	19.28

Dist. Next Instr. 0.32 **Miles**

ATC 8: Nicolai Mtn 3	**Distance** 27.51 **Miles**	**Page** 55
MTC 2: Clatskanie	**Time** 70 **Minutes**	**Average Speed** 23.6 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
19	8.55 ↓ 8.59	0.32 ↓ 0.04		BIG ROCK IN APEX 4.30	18.92
20	9.00	0.41		3.89	18.51
21	9.36	0.36		3.53	18.15
22	9.67	0.31		3.22	17.84
23	9.78	0.11		3.11	17.73
24	10.35	0.57		VERY LONG CORNER 2.54	17.16

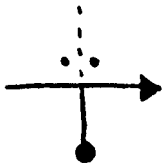
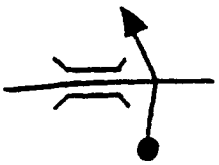
Dist. Next Instr. 0.87 **Miles**

ATC 8: Nicolai Mtn 3	**Distance** 27.51 **Miles**	**Page** 56
MTC 2: Clatskanie	**Time** 70 **Minutes**	**Average Speed** 23.6 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
25	11.22 ↓ 11.29	0.87 ↓ 0.07		1.60	16.22
26	11.38	0.09		1.51	16.13
27	11.82	0.44		EXPOSURE 1.07	15.69
28	11.97	0.15		0.92	15.54
29	12.60	0.63		EXPOSURE BOTH SIDES SPECTATORS 0.29	14.91
30	12.89	0.29		FLYING FINISH 0.00	14.62

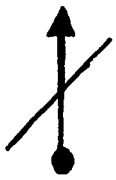
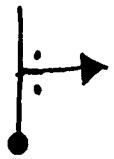
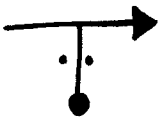
Dist. Next Instr. 0.29 **Miles**

ATC 8: Nicolai Mtn 3	**Distance** 27.51 **Miles**	**Page** 57
MTC 2: Clatskanie	**Time** 70 **Minutes**	**Average Speed** 23.6 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
31	13.18	0.29		STOP STOP	14.33
32	13.48	0.30		STOP (HWY 30) BEGIN PAVEMENT SPEED LIMIT 55	14.03
33	13.64	0.16		~~STATE PARKS~~ (BRADLEY WAYSIDE, RESTROOMS)	13.87
34	15.66	2.02		EXIT WAUNA	11.85
35	15.86	0.20		STRAIGHT, BACK ON HWY 30, TO SERVICE (CARWASH TO LEFT)	11.65
36	17.77	1.91		SPEED 40 (WESTPORT)	9.74

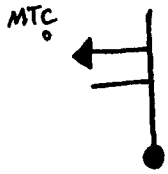
Dist. Next Instr. 0.13 **Miles**

ATC 8: Nicolai Mtn 3	**Distance** 27.51 **Miles**	**Page** 58
MTC 2: Clatskanie	**Time** 70 **Minutes**	**Average Speed** 23.6 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
37	17.90	0.13		~~WESTPORT SCHOOL LOOP RD~~	9.61
38	18.04	0.14		RIGHT INTO SERVICE TURN OFF ODOMETER	9.47
39	18.04	0.00		RE-START ODO AT GATE RIGHT OUT OF SERVICE (USE CAUTION)	9.47
40	22.25	4.21		DO NOT PASS	5.26
41	26.68	4.43		SPEED 30	0.83
42	27.13	0.45		~~NEHALEM ST~~	0.38

Dist. Next Instr. 0.38 **Miles**

ATC 8: Nicolai Mtn 3	**Distance** 27.51 **Miles**	**Page** 59
MTC 2: Clatskanie	**Time** 70 **Minutes**	**Average Speed** 23.6 mph

Inst. No.	Distance Accum	Distance Incrm	TULIP	INFORMATION	Decline Distance
43	27.51	0.38		LEFT INTO NAPA PARKING LOT MTC 2: CLATSKANIE	0.00

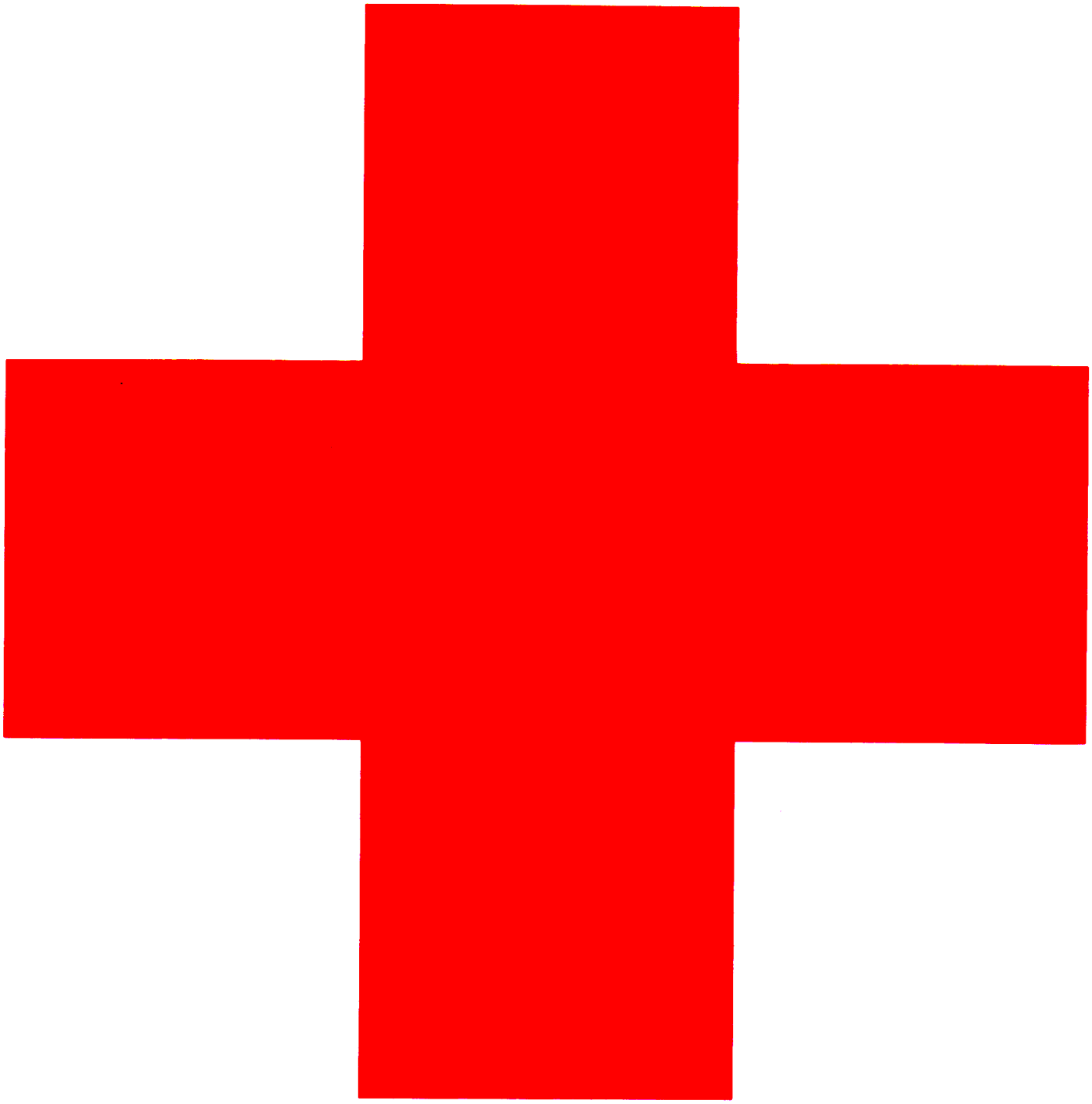
Dist. Next Instr. ∞ **Miles**

Congratulations on finishing the

1998 Oregon Trail Divisional PRO Rally

Subaru, Western Region
Engine Rebuilders Supply
The Tabor Accounting Group
Pacific Foto Supply
Clatskanie NAPA Quality Auto Parts
Clatskanie Chamber of Commerce
West Mart Foods, Westport
Clatskanie People's Utility District
Oregon Department of Forestry
Hampton Tree Farms
Olympic Resource Management
Portland Rose Festival
Oregon & Northwest Regions SCCA
Oregon Rally Group

THIS RED CROSS IS TO BE DISPLAYED TO RALLY TRAFFIC BY A CREW MEMBER IF THERE IS A MEDICAL EMERGENCY THAT REQUIRES IMMEDIATE ATTENTION BY QUALIFIED PERSONNEL OR A PHYSICIAN.



IMPROPER USE OF THIS RED CROSS MAY BE CAUSE FOR EXCLUSION FROM THE EVENT.

O.K.